

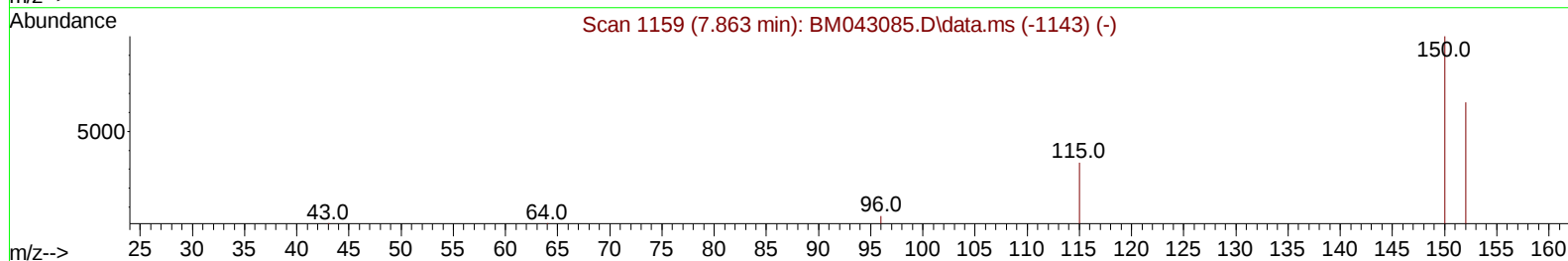
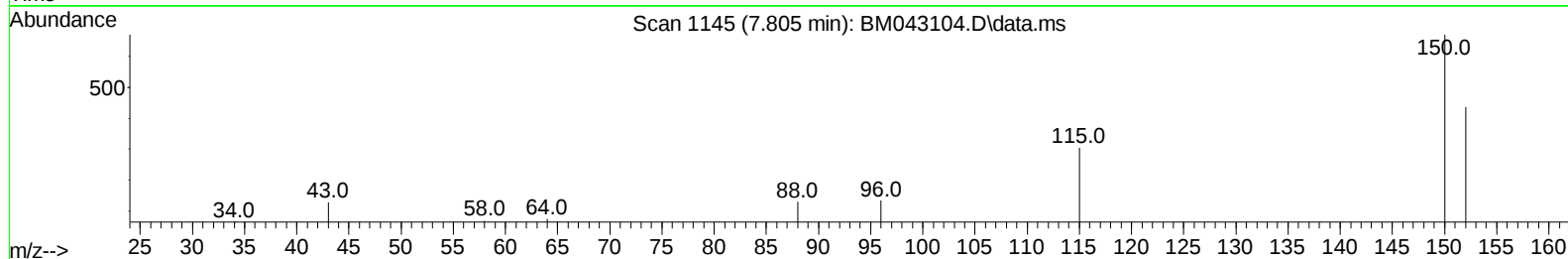
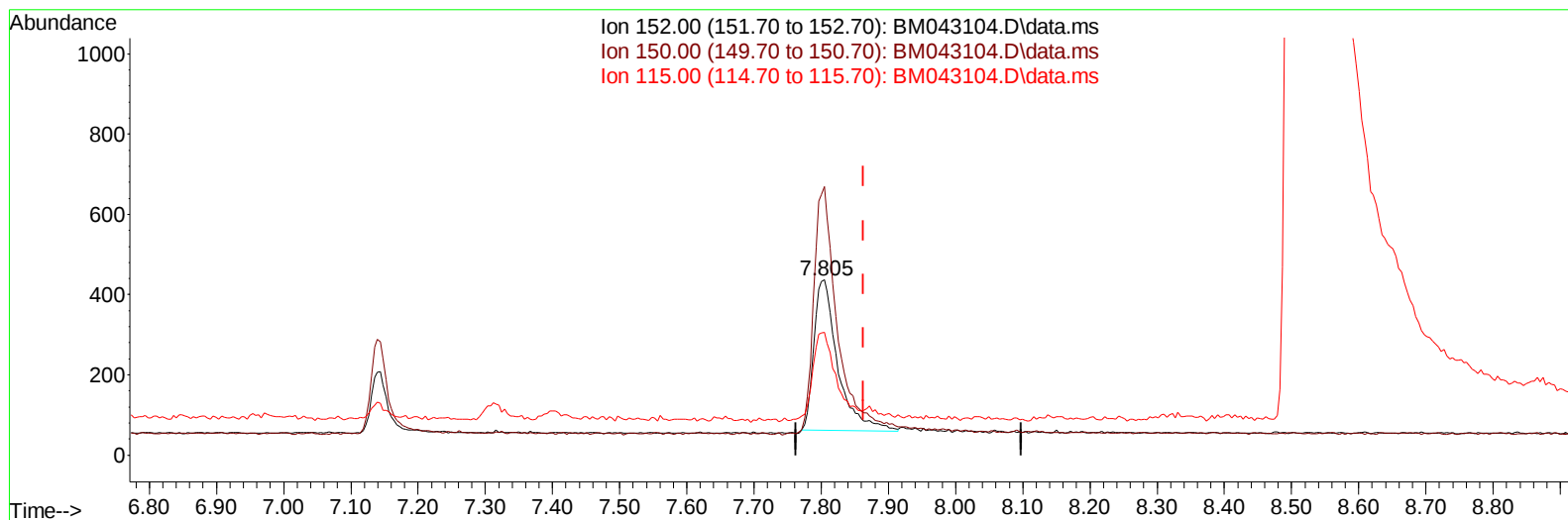
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043104.D
Acq On : 01 Dec 2023 03:19
Operator : MA/JU
Sample : 05459-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ1

Manual IntegrationsAPPROVED

Quant Time: Dec 01 04:18:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:42:42 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023



TIC: BM043104.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.805min (-0.058) 0.40 ng/u1

response 928

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	153.32#
115.00	89.60	70.02#
0.00	0.00	0.00

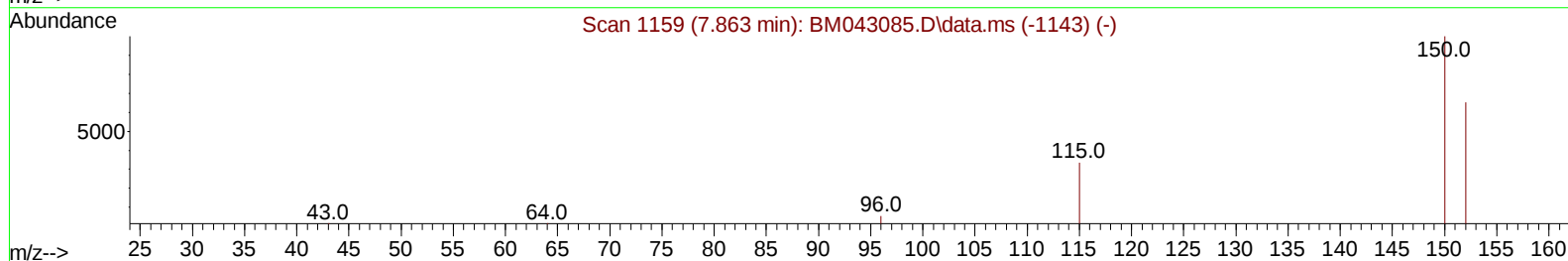
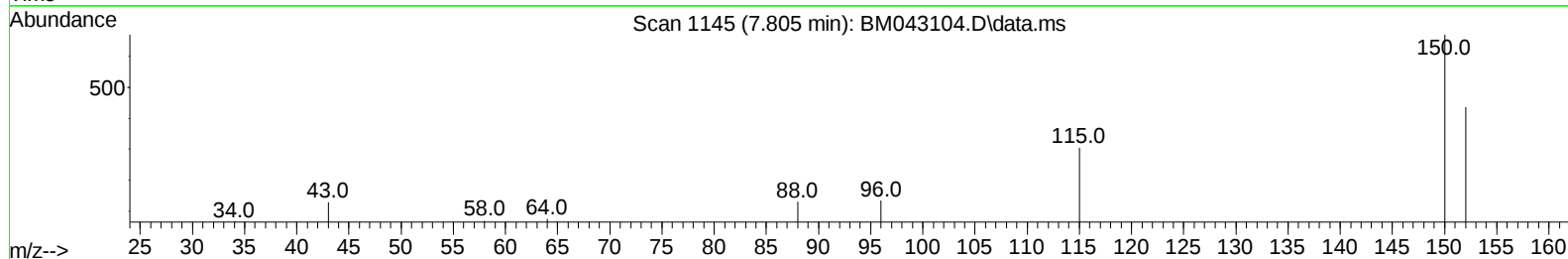
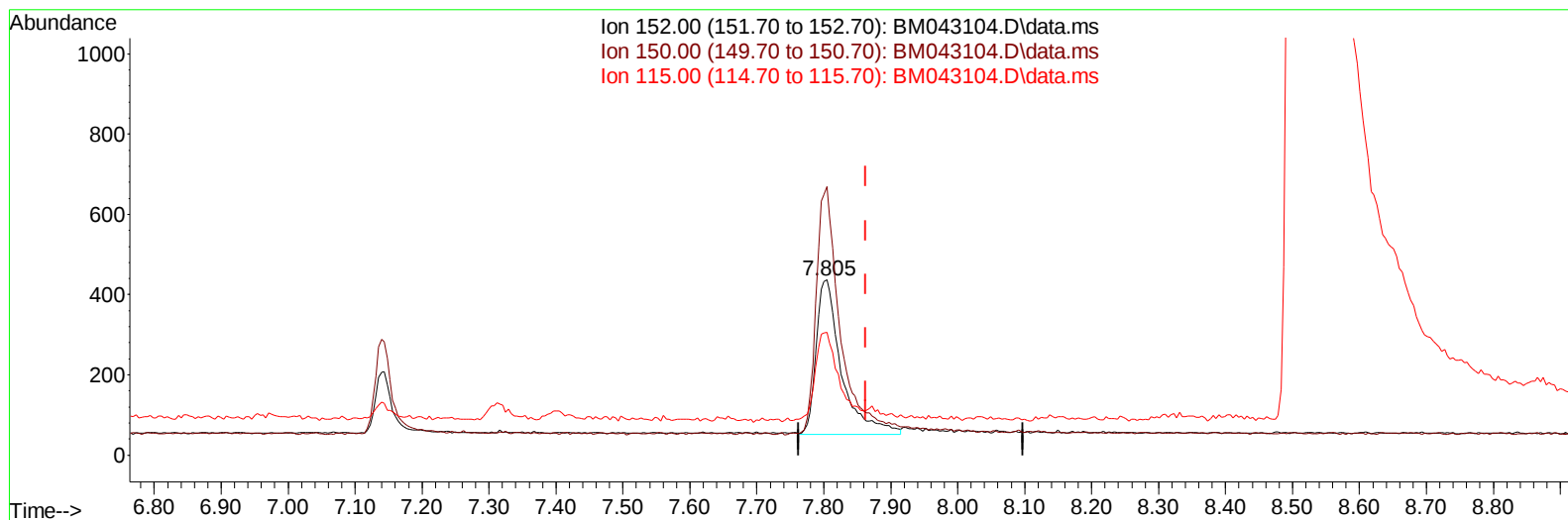
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
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Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Dec 01 04:18:56 2023
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Reviewed By :Yogesh Patel 12/01/2023
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TIC: BM043104.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.805min (-0.058) 0.40 ng/ul m

response 1017

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	153.32#
115.00	89.60	70.02#
0.00	0.00	0.00

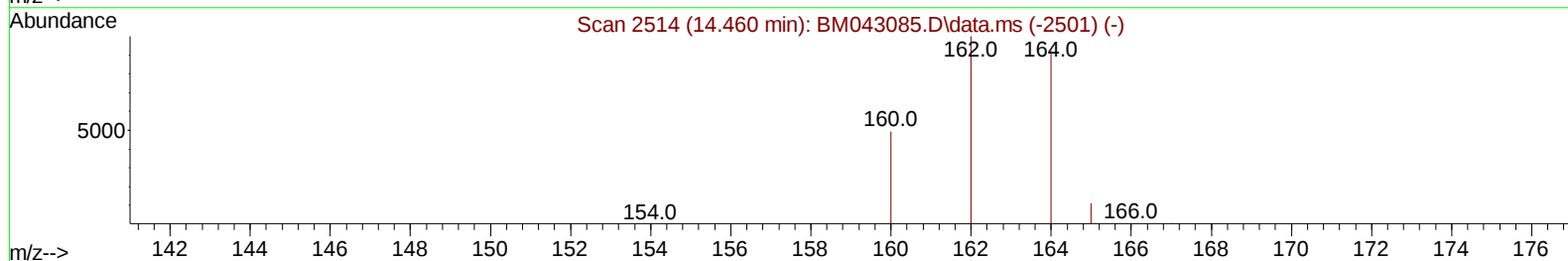
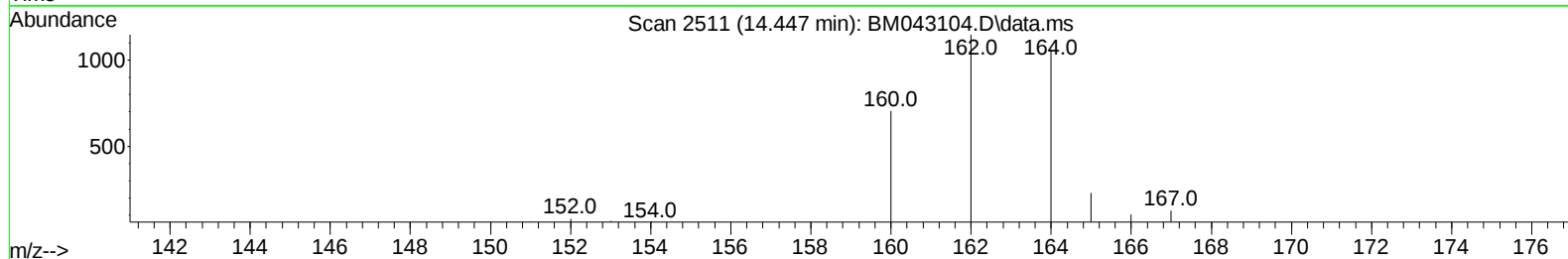
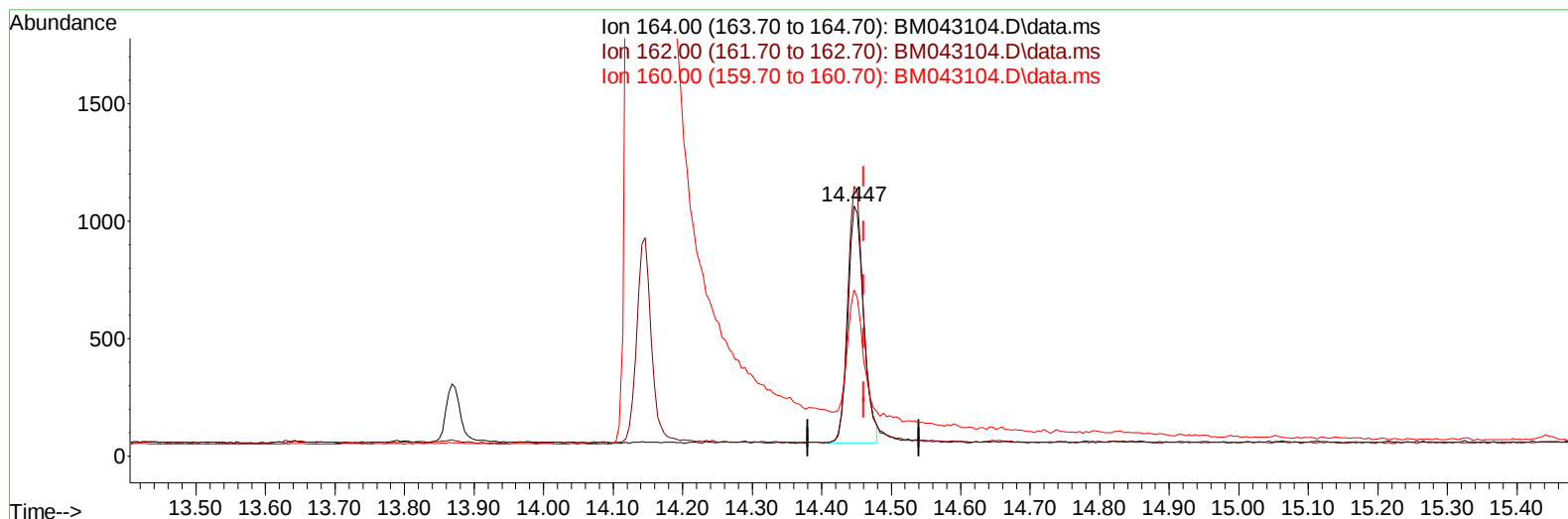
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043104.D
Acq On : 01 Dec 2023 03:19
Operator : MA/JU
Sample : 05459-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ1

Manual IntegrationsAPPROVED

Quant Time: Dec 01 04:18:56 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:42:42 2023
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TIC: BM043104.D\data.ms

(9) Acenaphthene-d10 (I)

14.447min (-0.014) 0.40 ng/u1

response 1604

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	107.80
160.00	57.20	66.35
0.00	0.00	0.00

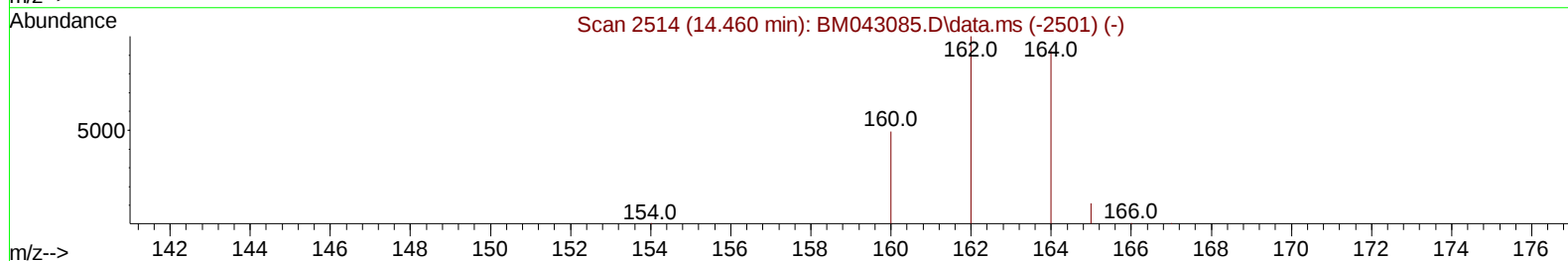
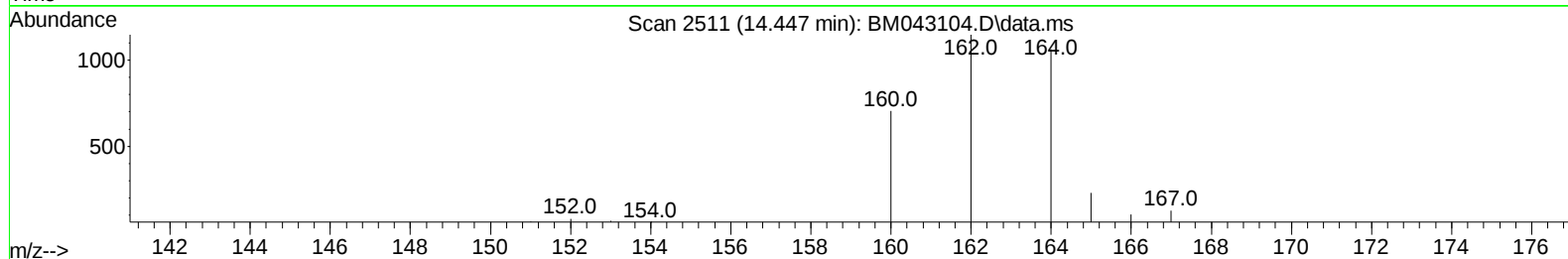
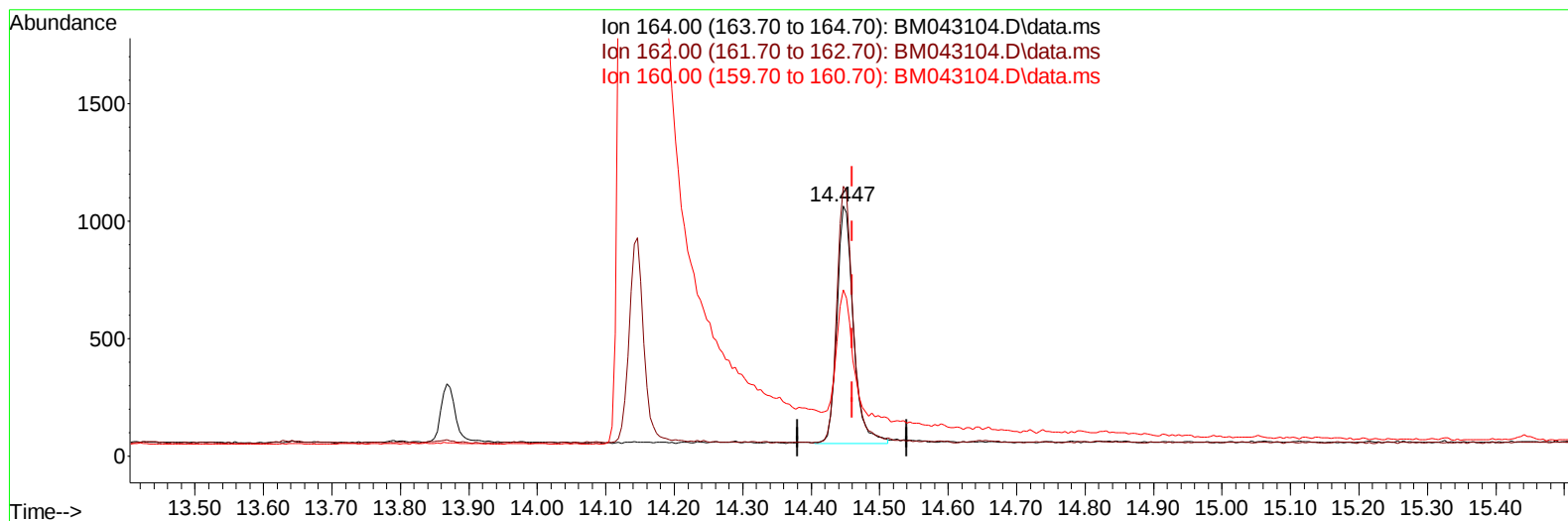
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043104.D
 Acq On : 01 Dec 2023 03:19
 Operator : MA/JU
 Sample : 05459-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ1

Manual IntegrationsAPPROVED

Quant Time: Dec 01 04:18:56 2023
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Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/04/2023



TIC: BM043104.D\data.ms

(9) Acenaphthene-d10 (I)

14.447min (-0.014) 0.40 ng/ul m

response 1685

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	107.80
160.00	57.20	66.35
0.00	0.00	0.00

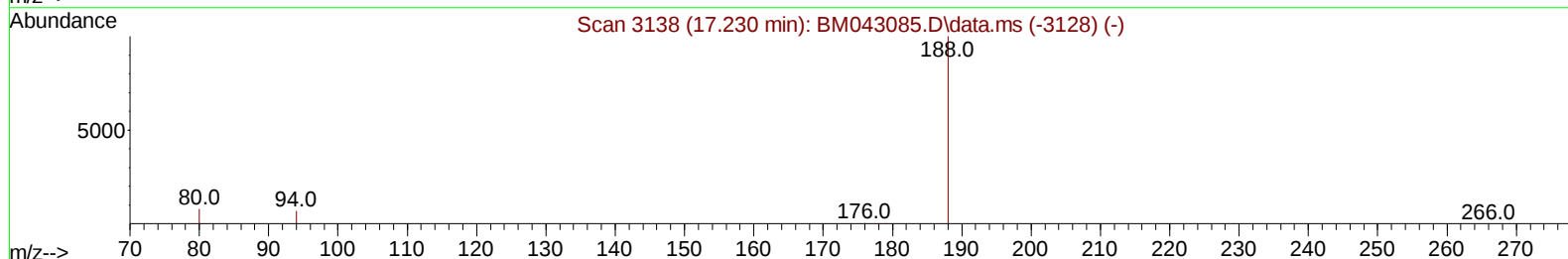
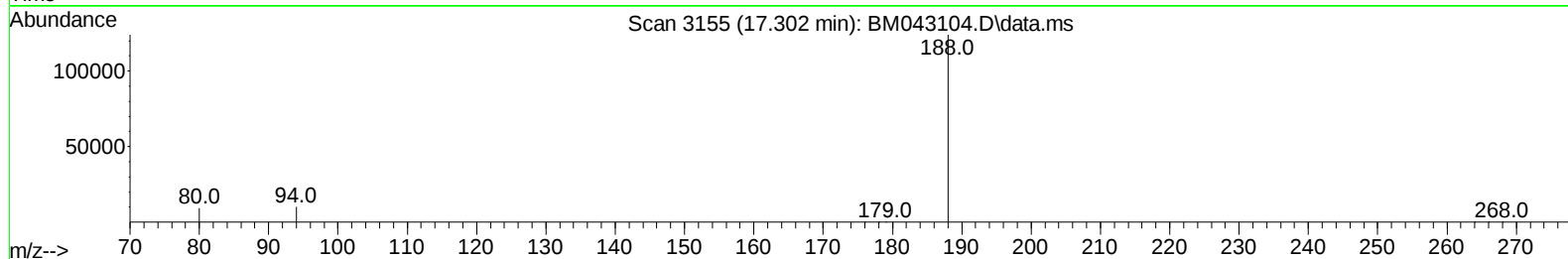
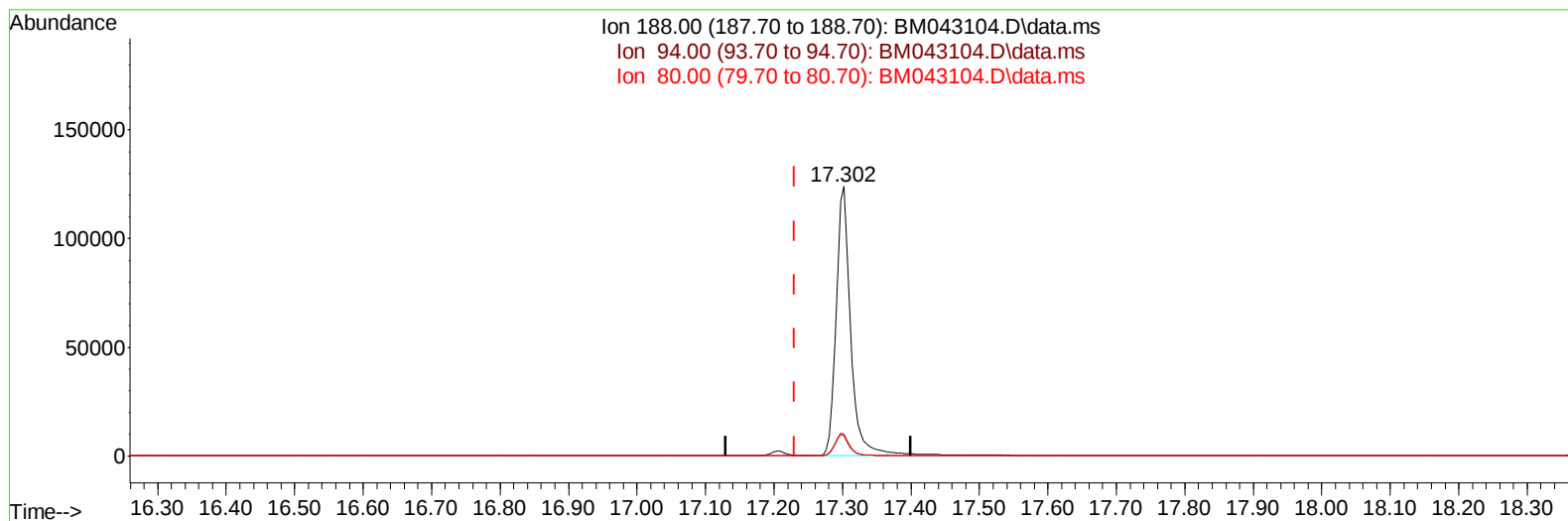
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043104.D
Acq On : 01 Dec 2023 03:19
Operator : MA/JU
Sample : 05459-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ1

Manual IntegrationsAPPROVED

Quant Time: Dec 01 04:18:56 2023
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TIC: BM043104.D\data.ms

(13) Phenanthrene-d10 (I)

17.302min (+ 0.072) 0.40 ng/u1

response 179649

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.40	8.08#
80.00	12.70	7.39#
0.00	0.00	0.00

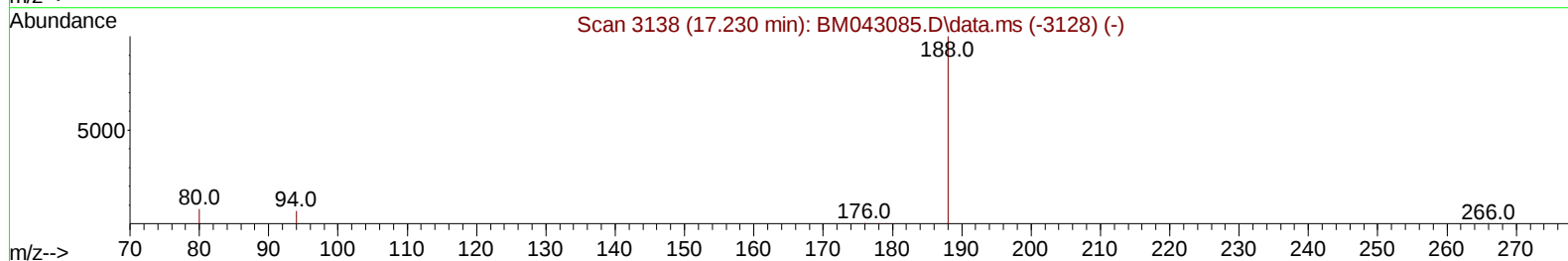
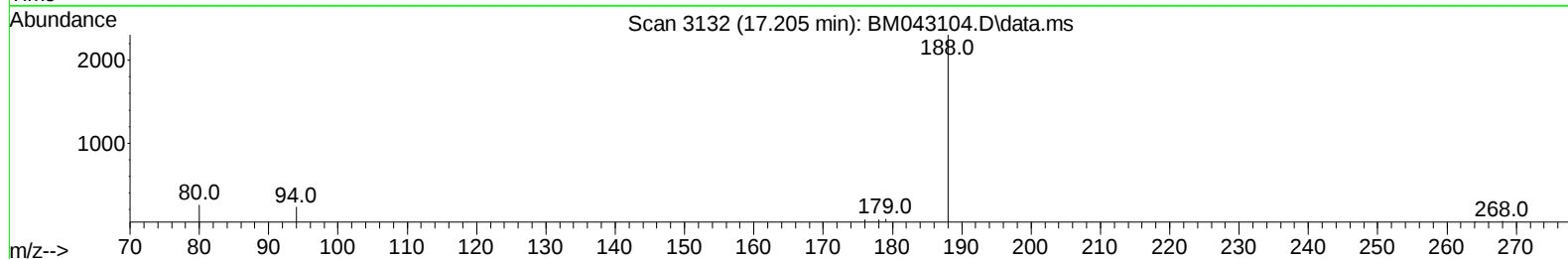
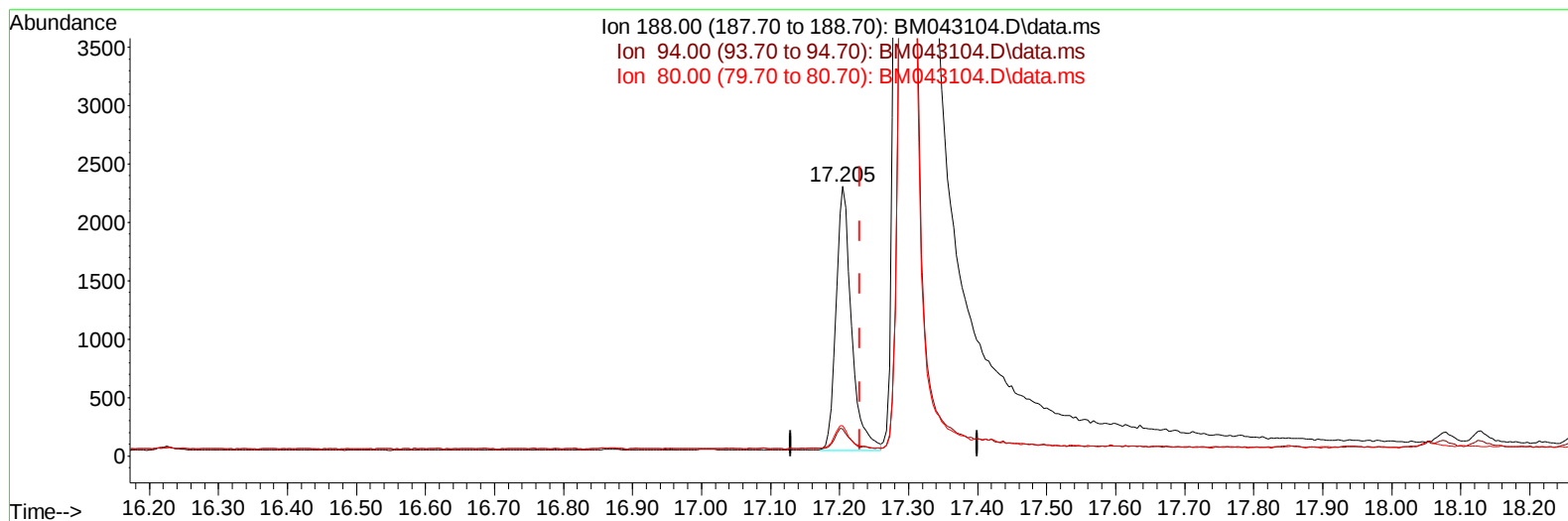
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043104.D
 Acq On : 01 Dec 2023 03:19
 Operator : MA/JU
 Sample : 05459-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ1

Manual IntegrationsAPPROVED

Quant Time: Dec 01 04:18:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 00:42:42 2023
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Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/04/2023



TIC: BM043104.D\data.ms

(13) Phenanthrene-d10 (I)

17.205min (-0.025) 0.40 ng/ul m

response 3518

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.40	9.97
80.00	12.70	11.18
0.00	0.00	0.00

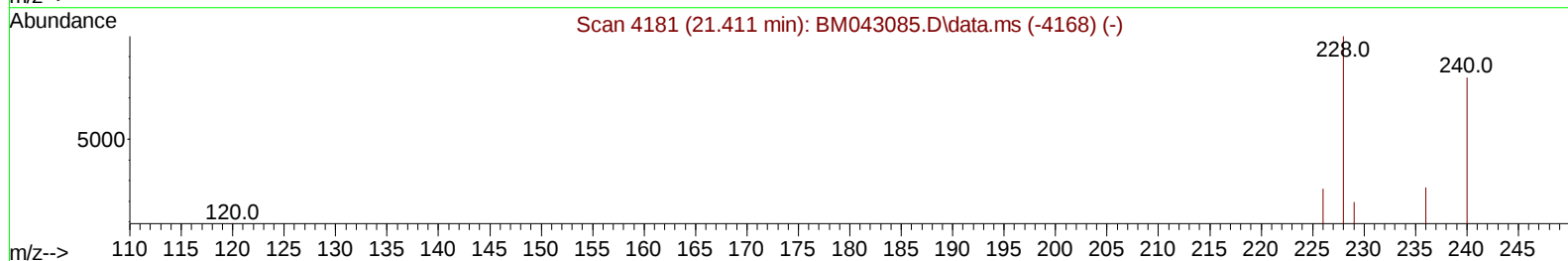
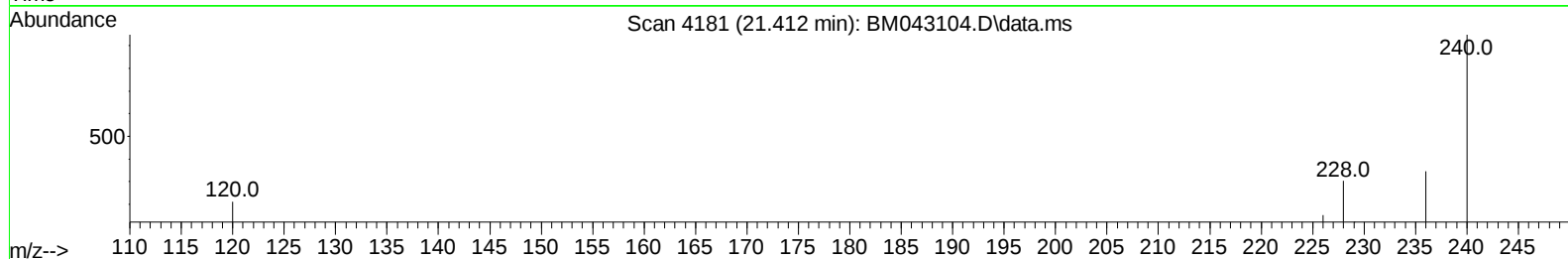
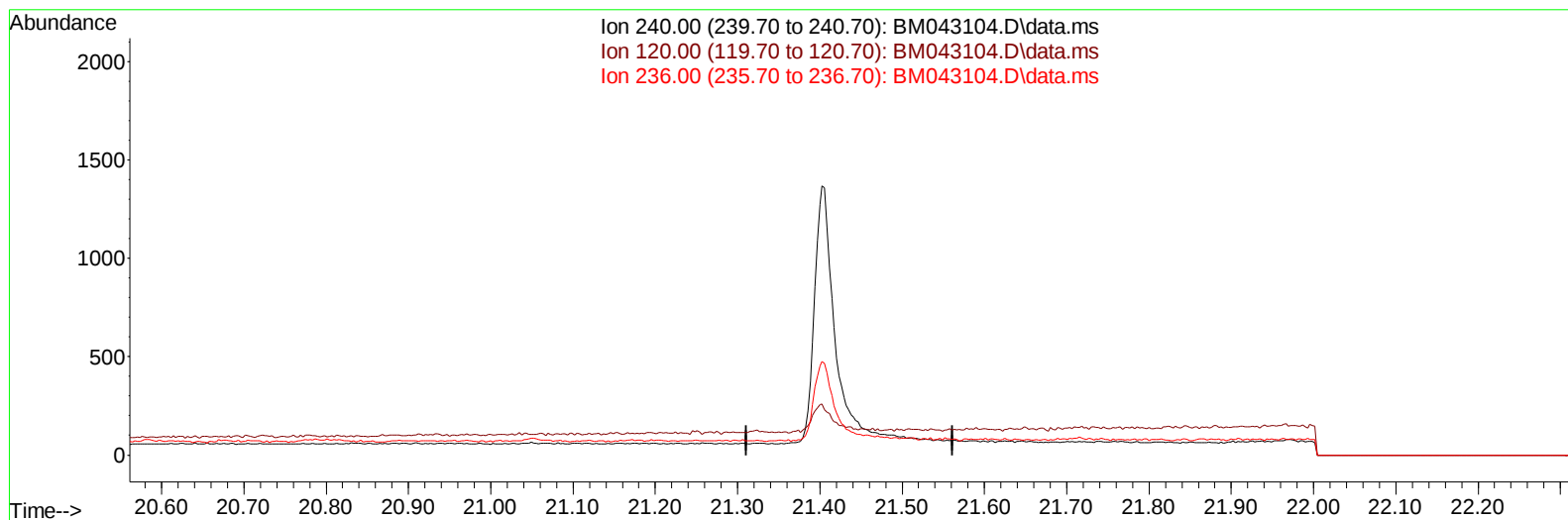
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043104.D
Acq On : 01 Dec 2023 03:19
Operator : MA/JU
Sample : 05459-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ1

Manual IntegrationsAPPROVED

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TIC: BM043104.D\data.ms

(17) Chrysene-d12

21.411min (-21.411) 0.00 ng/u1

response 0

Ion	Exp%	Act%
240.00	100.00	0.00
120.00	22.80	0.00#
236.00	38.50	0.00#
0.00	0.00	0.00

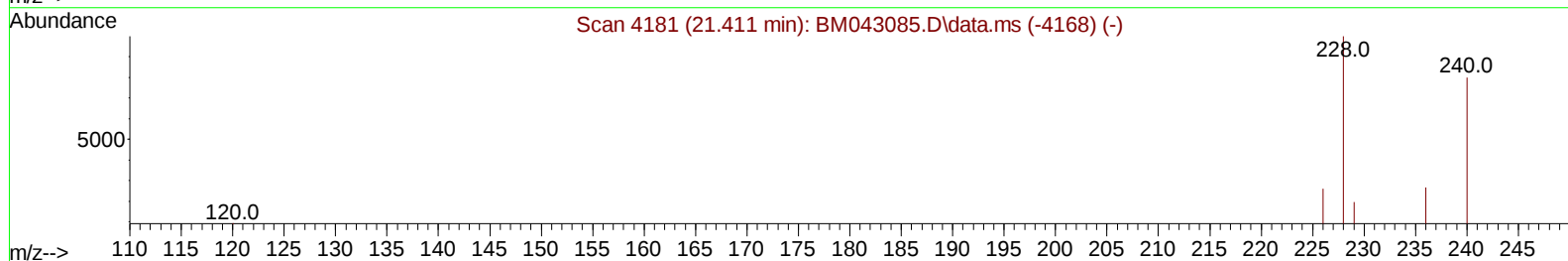
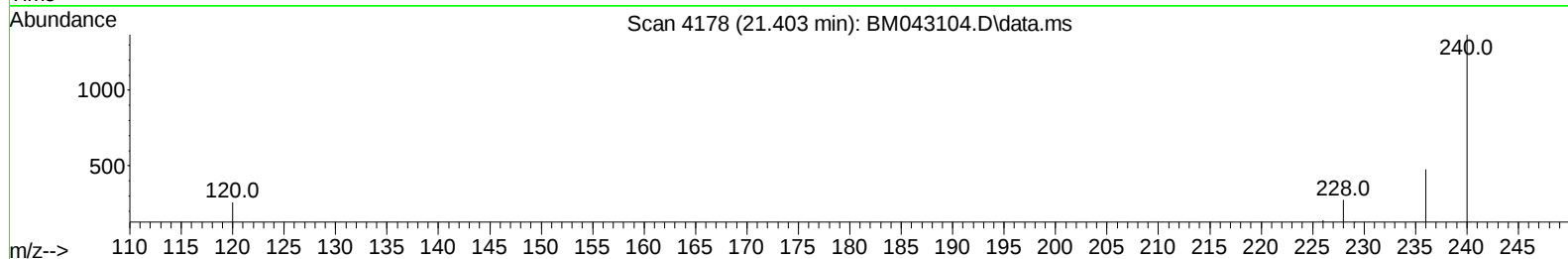
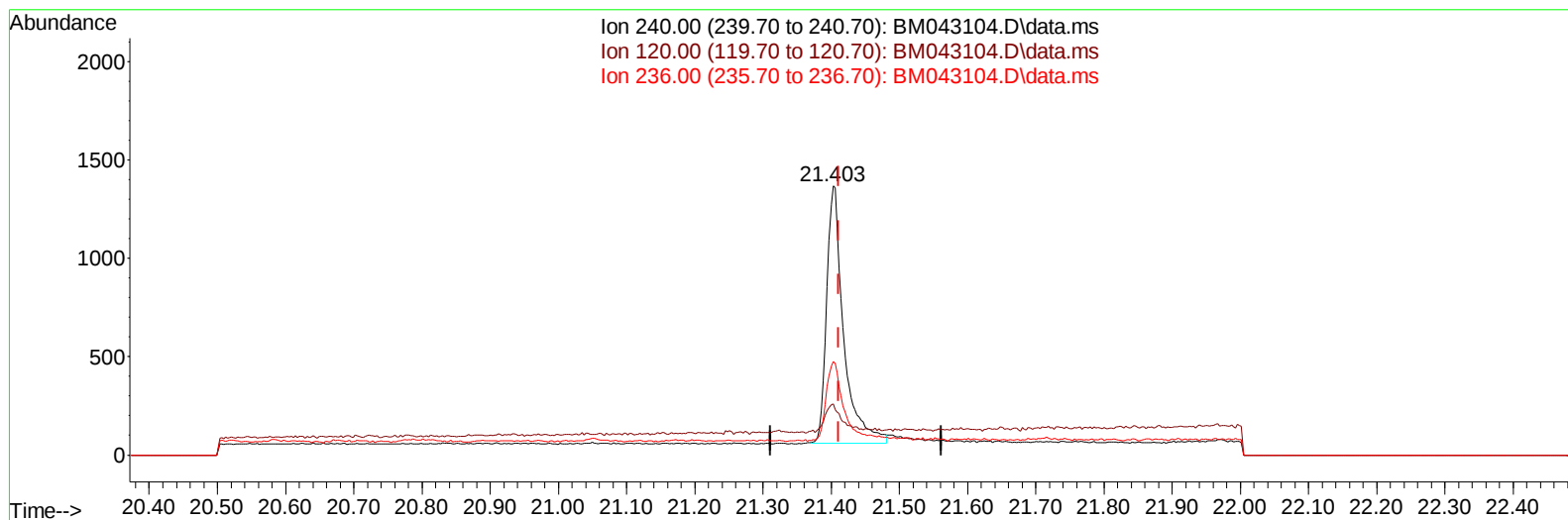
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043104.D
 Acq On : 01 Dec 2023 03:19
 Operator : MA/JU
 Sample : 05459-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ1

Manual IntegrationsAPPROVED

Quant Time: Dec 01 04:18:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 00:42:42 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/01/2023
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TIC: BM043104.D\data.ms

(17) Chrysene-d12

21.403min (-0.009) 0.40 ng/ul m

response 2256

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	22.80	18.95
236.00	38.50	34.89
0.00	0.00	0.00

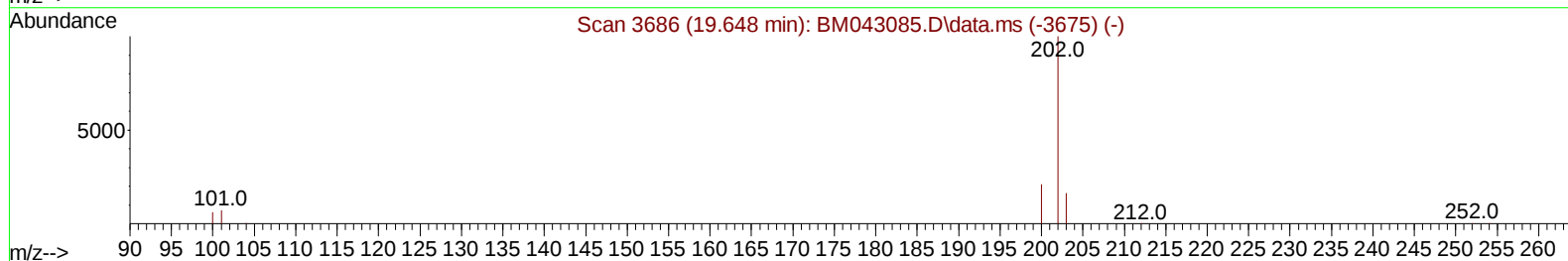
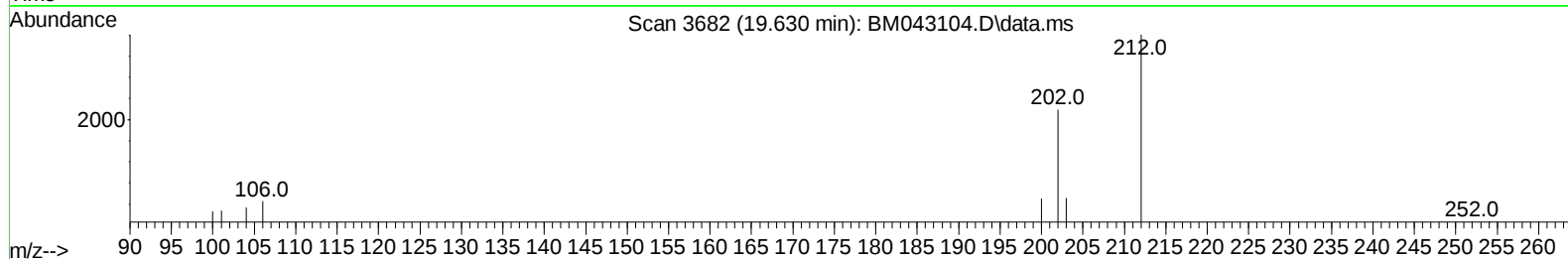
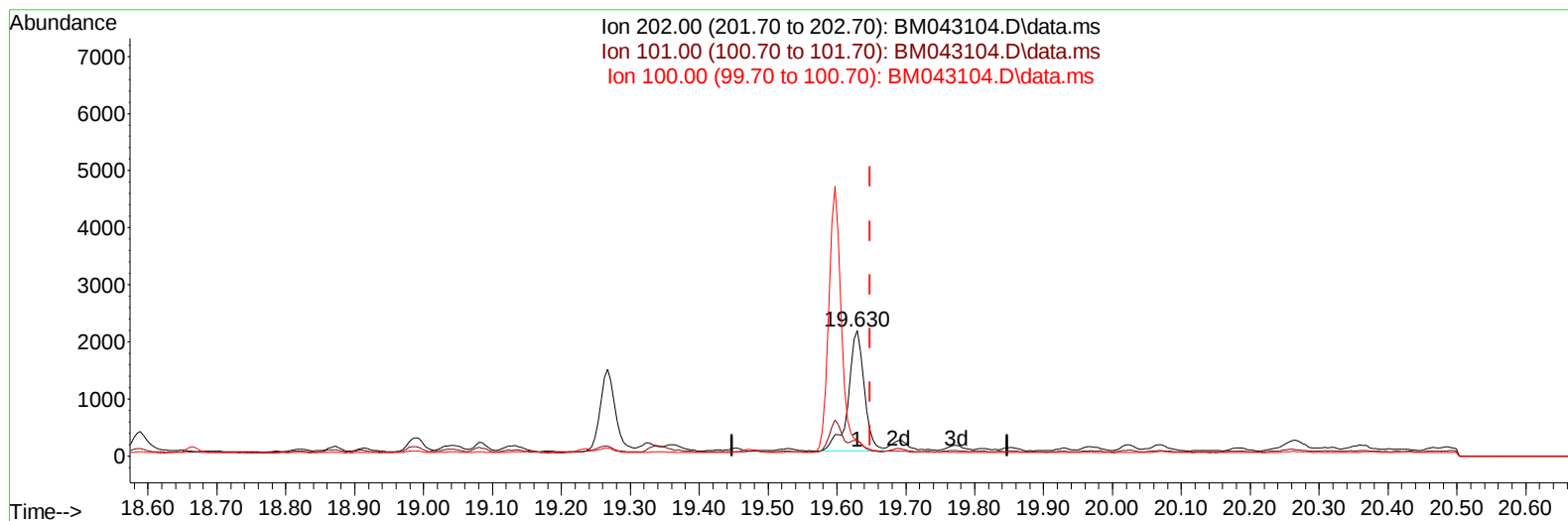
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043104.D
 Acq On : 01 Dec 2023 03:19
 Operator : MA/JU
 Sample : 05459-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ1

Manual IntegrationsAPPROVED

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TIC: BM043104.D\data.ms

(20) Pyrene

19.630min (-0.018) 0.25 ng/u1

response 3468

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	10.90	12.44
100.00	9.80	12.26#
0.00	0.00	0.00

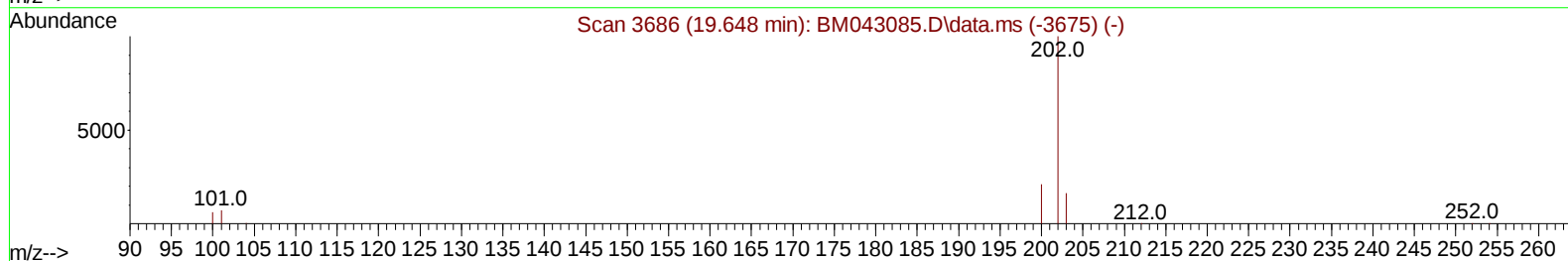
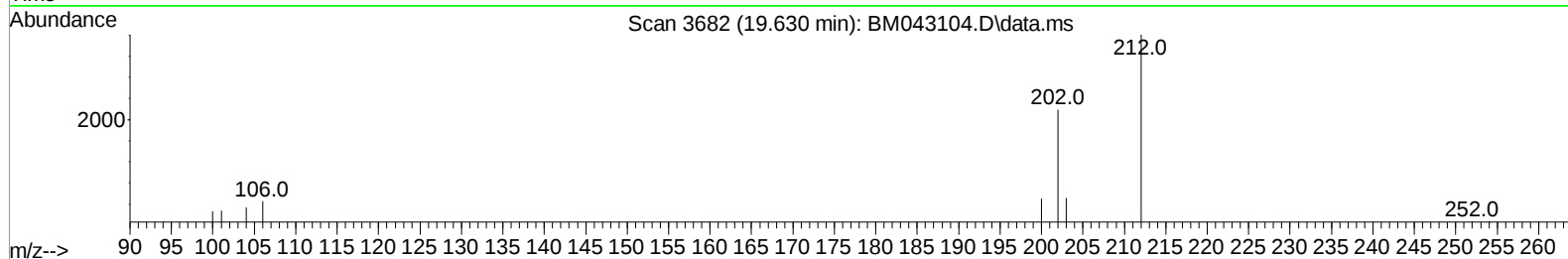
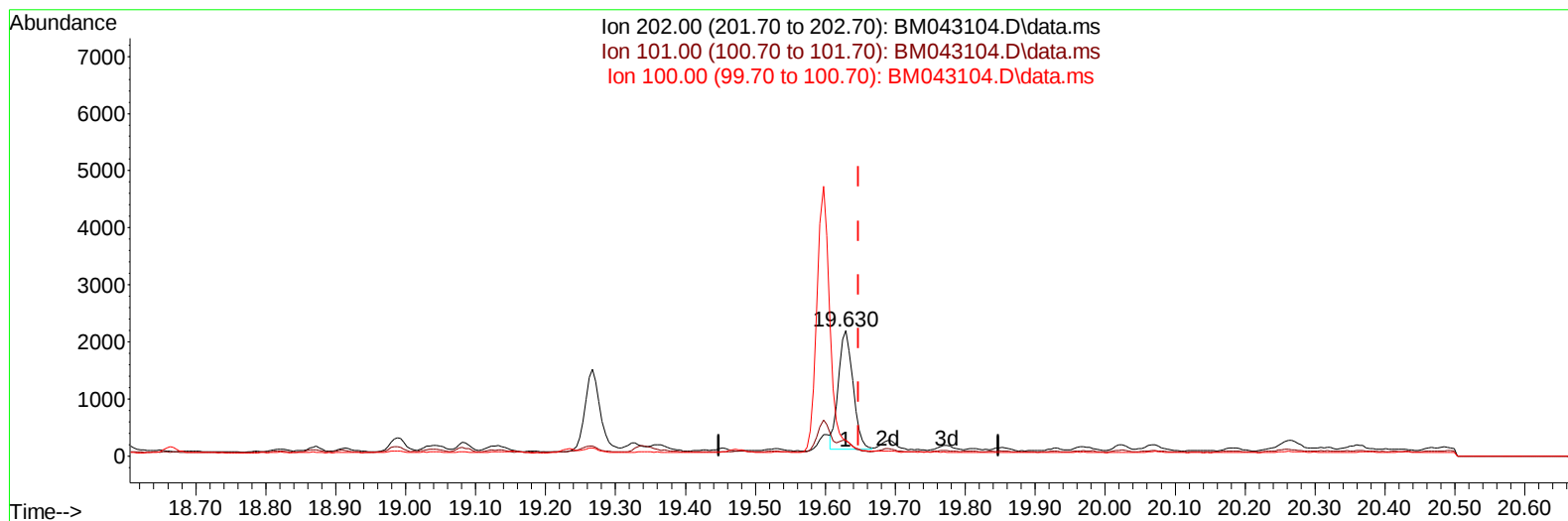
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
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 ALS Vial : 21 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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TIC: BM043104.D\data.ms

(20) Pyrene

19.630min (-0.018) 0.22 ng/ul m

response 2991

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	10.90	12.44
100.00	9.80	12.26#
0.00	0.00	0.00

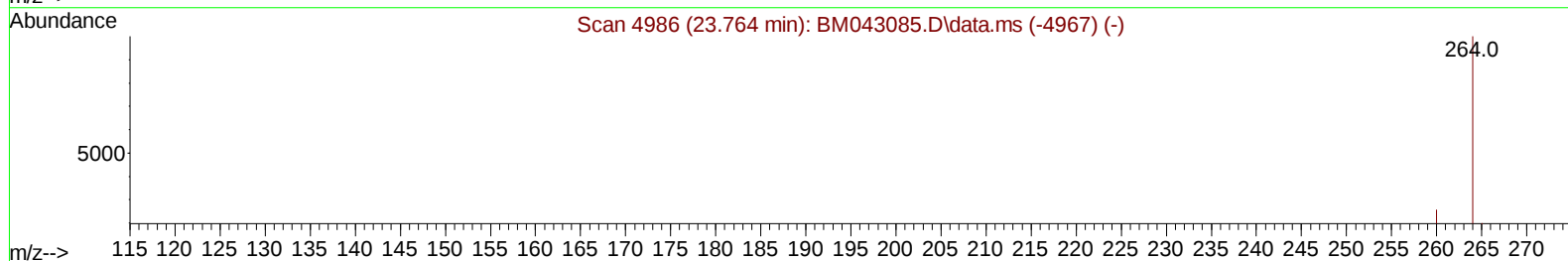
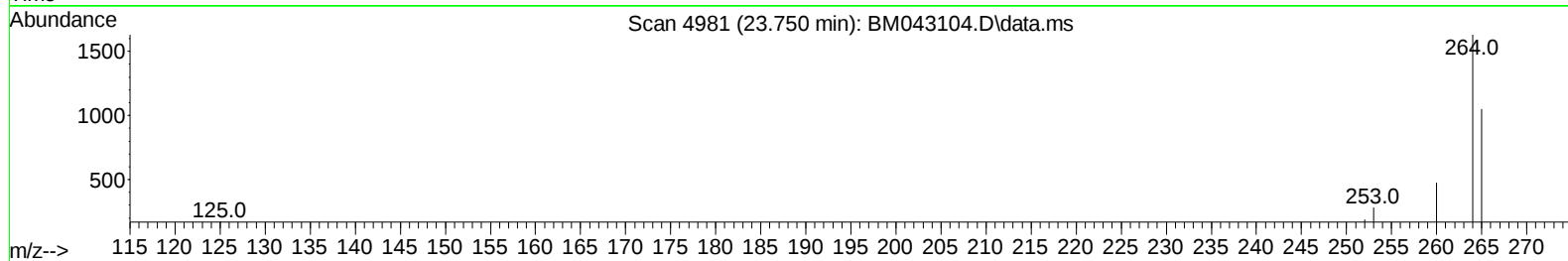
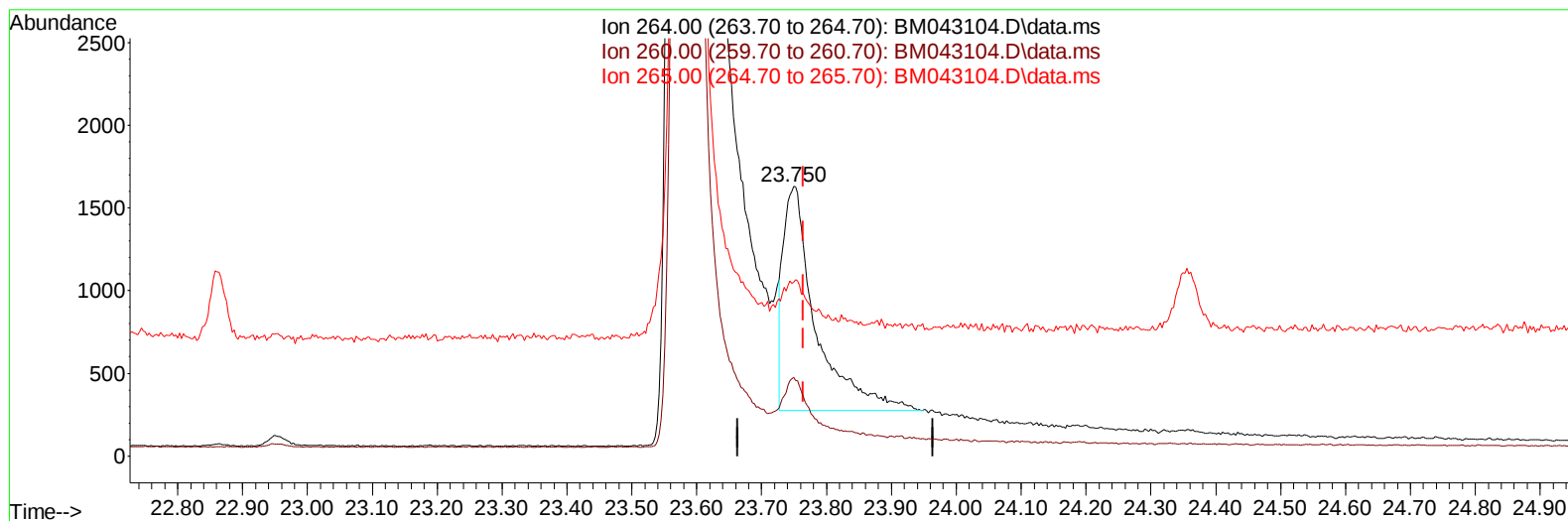
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043104.D
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TIC: BM043104.D\data.ms

(23) Perylene-d12 (I)

23.750min (-0.014) 0.40 ng/u1

response 4728

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	29.14
265.00	120.30	64.42#
0.00	0.00	0.00

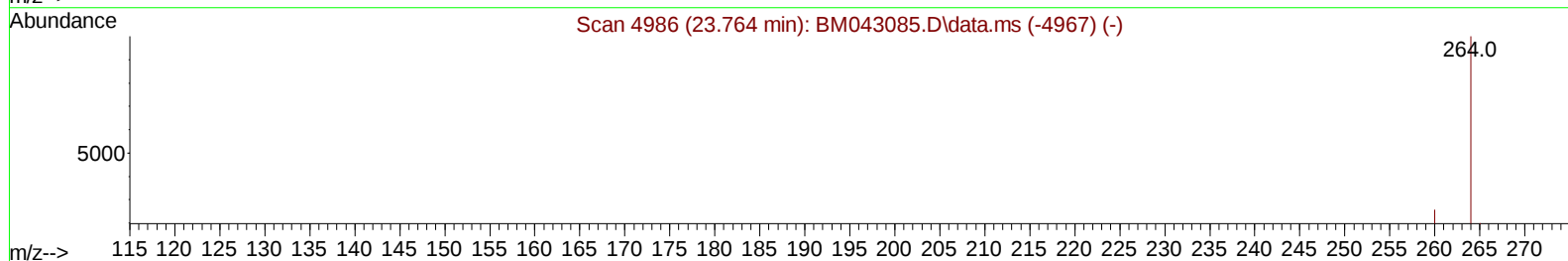
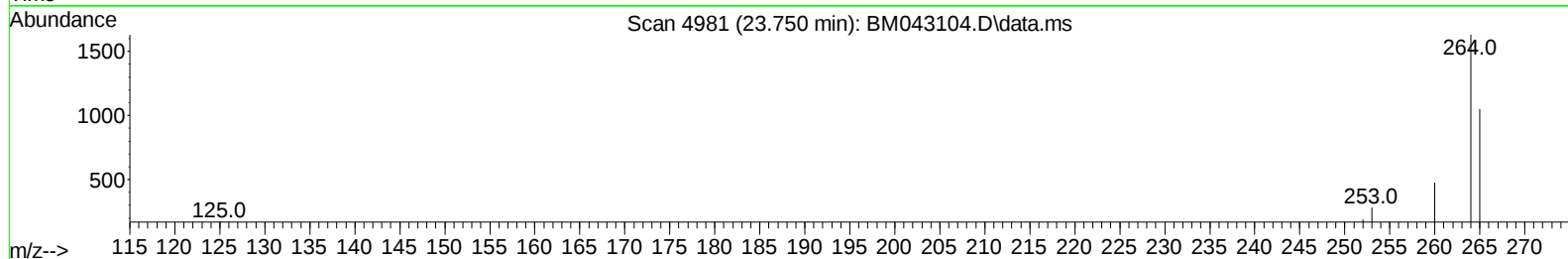
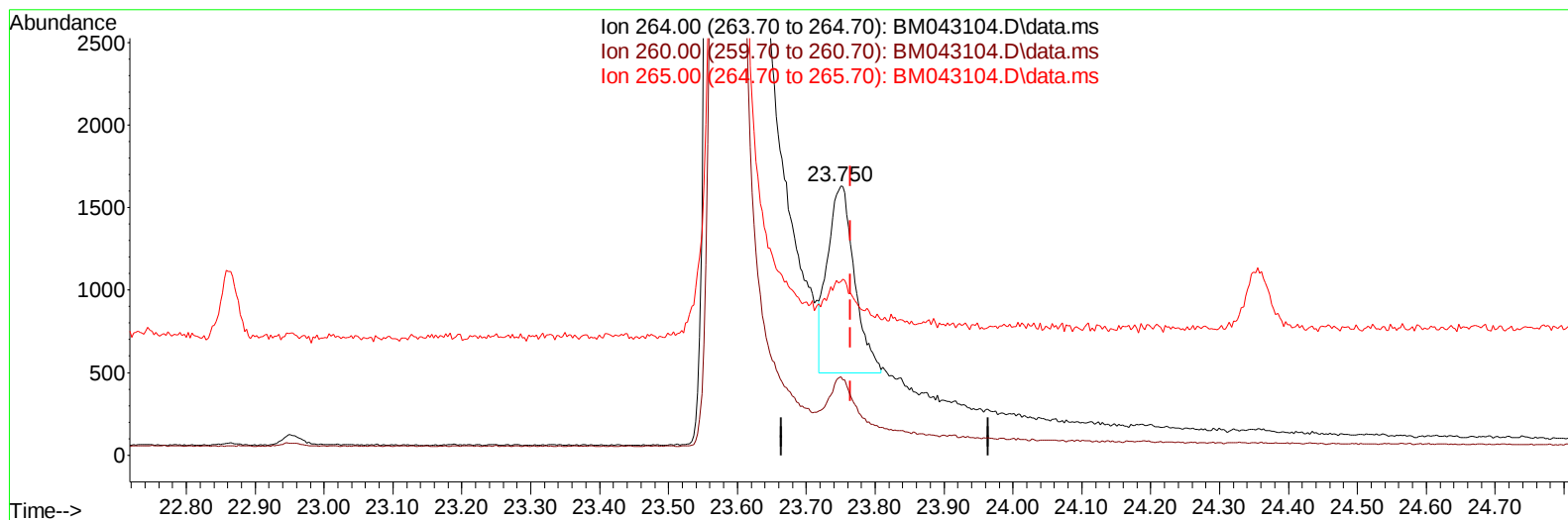
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043104.D
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TIC: BM043104.D\data.ms

(23) Perylene-d12 (I)

23.750min (-0.014) 0.40 ng/ul m

response 3112

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	29.14
265.00	120.30	64.42#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.805	152		1017m	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.601	136		2891	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.447	164		1685m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.205	188		3518m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.403	240		2256m	0.400	ng/ul	0.00
23) Perylene-d12	23.750	264		3112m	0.400	ng/ul	-0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.155	96		4265	2.733	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.212	152		1257	0.325	ng/ul	-0.02
18) Fluoranthene-d10	19.235	212		2930	0.356	ng/ul	-0.01
Target Compounds							Qvalue
5) Naphthalene	10.651	128		2491	0.317	ng/ul#	92
7) 2-Methylnaphthalene	12.284	142		2122	0.458	ng/ul	95
8) 1-Methylnaphthalene	12.498	142		1399	0.271	ng/ul	96
15) Phenanthrene	17.243	178		8119	0.809	ng/ul	95
16) Anthracene	17.335	178		929	0.098	ng/ul#	79
19) Fluoranthene	19.267	202		2261	0.177	ng/ul	98
20) Pyrene	19.630	202		2991m	0.220	ng/ul	
21) Benzo(a)anthracene	21.388	228		735	0.100	ng/ul#	80
22) Chrysene	21.441	228		578	0.042	ng/ul#	80

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043104.D
Acq On : 01 Dec 2023 03:19
Operator : MA/JU
Sample : 05459-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ1

Manual IntegrationsAPPROVED

Quant Time: Dec 01 04:18:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:42:42 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023

